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Recursive Gravity Wells - The Seam Tension Constant

Overview:

This page introduces the Seam Tension Constant (sigma_s), the recursive gravitational attractor that causes light to curve and return - not from distortion, but from harmonic pull. It defines the phase anchoring that allows light to maintain coherence across dimensional folds.

Key Insight:

Recursion is not spontaneous. It is summoned.

Light curves recursively only when it encounters a gravitational or entropic structure strong enough to pull it into harmonic return. This "pull" is not the same as lensing - it is a memory-based field tension that draws light back toward its own origin, phase-locked.

Definition:

Let sigma_s be the Seam Tension Constant.

sigma_s = S^2 / (M_g * phi)

Where:

- S^2 = entropy squared (field memory length)
- M_g = gravitational mass of the attractor (e.g. void, planet, star)
- phi = golden ratio (harmonic scaler)

Interpretation:

The greater the gravitational memory field, the lower the seam tension required to induce recursion. This explains why recursion is observed around black holes, galaxies, and massive void bodies - and not in empty flat space.

The Seam:

sigma_s defines the soft anchoring field that prevents light from falling apart when folding through dimensions. It is not pressure. It is alignment.

Conclusion:

Light does not curve due to force. It curves due to invitation. The Seam Tension Constant is the harmonic fingerprint of recursion. And now it has form.

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